

PTO/SB/08a/b (07-05)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/779890
				Filing Date	February 17, 2004
				First Named Inventor	Stephen Shaughnessy
				Art Unit	1646
				Examiner Name	E. Kemmerer
Sheet	1	of	2	Attorney Docket Number	MDSP-P04-180

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ECK	AA*	US-4,683,195-A	07-28-1987	Mullis et al.	
	AB*	US-5,215,895-A	06-01-1993	Bennett et al.	
	AC*	US-5,270,181-A	12-14-1993	McCoy et al.	
	AD*	US-5,292,646-A	03-08-1994	McCoy et al.	
	AE*	US-5,530,101-A	06-25-1996	Queen et al.	
	AF*	US-5,849,283-A	12-15-1998	Ciliberto et al.	
	AG*	US-5,888,510-A	03-30-1999	Kishimoto et al.	
	AH*	US-5,914,106-A	06-22-1999	Ciliberto et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ² - Number-Kind Code ³ (if known)				
ECK	BA**	CA-2177837	06-07-1996	ISTITUTO DI RICERCHE DI BIOLOGIA MOLECOLARE P. ANGELETTI S.P.A.		
↓	BB**	WO-96/18648	06-20-1996	ISTITUTO DI RICERCHE DI BIOLOGIA MOLECOLARE P. ANGELETTI S.P.A.		
	BC**	WO-96/19574	06-27-1996	GENETICS INSTITUTE, INC.		
	BD**	WO-98/15283	04-16-1998	IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE		
	BE**	WO-99/59608	11-25-1999	HAMILTON CIVIC HOSPITAL RESEARCH DEVELOPMENT CORPORATION		

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
ECK 	CA**	AUSTIN et al., Site-directed mutagenesis of alanine-382 of human antithrombin III. FEBS Letters 280 (2): 254-258, 1991.		
	CB	CURTIS et al., Blood 90(11): 4403-4412, 1997.		
	CC**	DAVIS et al., LIFR.beta. and gp130 as Heterodimerizing Signal Transducers of the Tripartite CNTF Receptor, Science 260: 1805-1808, 1993.		
	CD**	ERSHIER et al., Immunologic Aspects of Osteoporosis, Devel. Compar. Immunol. 21 (6): 487-499, 1997.		
	CE**	GIRASOLE et al., Interleukin-11: A New Cytokine Critical for Osteoclast Developments, J. Clin. Invest. 93: 1516-1524, 1994.		
	CF	HILL et al., Endocrinology 139(4): 1564-1572, 1998.		
	CG	HILTON et al., The EMBO Journal 13(20): 4765-4775, 1994.		

Examiner Signature	/Elizabeth C. Kemmerer/	Date Considered	02/16/2007
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete If Known	
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				Art Unit	1646
				Examiner Name	E. Kemmerer
Sheet	2	of	2	Attorney Docket Number	MDSP-P04-180

ECK	CH**	ISHIMI et al., IL-6 is Produced by Osteoblasts and Indices Bone Resorption. J. Immunol. 145 (10): 3297-3303, 1990.	
	CI**	KAROW et al., Mediation of interleukin-11-dependent biological responses by a soluble form of the interleukin-11 receptor. Biochem J. 318: 489-495, 1996.	
	CJ**	KIM et al., Involvement of Different Second Messengers in Parathyroid Hormone- and Interleukin-1-Induced Interleukin-6 and Interleukin-11 Production in Human Marrow Stromal cells. J. Bone Miner. Res. 12 (6): 896-902, 1997.	
	CK**	LEAHY et al., A Method for Attachment of Peptides to a Solid Surface with Enhanced Immunoreactivity. Biotechniques 13 (5): 738-743, 1992.	
	CL	MANOLAGAS et al., Ciba Foundation Symposium, pp.187-202, 1995.	
	CM**	MICHALON et al., Enzyme Coupling Method on Calibrated Nylon Spheres: Application to the Selective Trypsinization of Histones in Chromatin. Biochem. Biophys. Res. Comm. 167 (1): 9-15, 1990.	
	CN	MUIR et al., Blood 88(4): 1314, 1996.	
	CO**	MUIR et al., A Histomorphometric Comparison of the Effects of Heparin and Low-Molecular-Weight Heparin on Cancerous Bones in Rats. Blood 89 (9): 3236-3242, 1997.	
	CP	MUSASHI et al., PNAS 88: 765, 1991.	
	CQ	NANDURKAR et al., Blood 90(6): 2148, 1997.	
	CR**	NGO et al., 1994, The Protein Folding Problem and tertiary Structure Prediction, Merz et al., eds., Birkhauser, Boston, pp. 491-495.	
	CS	POLI et al., The EMBO Journal 13(5): 1189, 1994.	
	CT	ROBB et al., Nature Medicine 4(3): 303-308, 1998.	
	CU	ROMAS et al., Journal of Experimental Medicine 183(6): 2581-2591, 1996.	
	CV	TAMARU et al., PNAS 90: 11924, 1993.	
	CW	TERAMURA et al., Blood 79: 327, 1992.	
	CX	VAN LEUVEN et al., Genomics 31(1): 65, 1996.	
	CY	VLASSELAER, Progress in Growth Factor Research 4: 337, 1992.	
	CZ**	WELLS, Biochemistry 29: 8509-8517, 1990.	
	CA1	WHITEHORN et al., Biotechnology 13(11): 1215, 1995.	
	CB1	YIN et al., The Journal of Immunology 151(5): 2555, 1993.	

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Elizabeth C. Kemmerer/	Date Considered	02/16/2007
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**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)
Docket Number (Optional)
MDSP-P03-180Application Number
09/715,838Applicant
Shaughnessy et al.Filing Date
17-Nov-2000Group Art Unit
1614**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	4683195	28-Jul-1987	Mullis et al.	435	6	07-Feb-1986
AB	5215895	01-Jun-1993	Bennett	435	69.52	21-May-1990
AC	5270181	14-Dec-1993	McCoy	435	69.7	14-Aug-1991
AD	5292646	08-Mar-1994	McCoy	435	69.7	28-Jul-1992

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						YES	NO
AE	2177837	07-Jun-1996	CA	A61K	38/20		
AF	WO96/18648	20-Jun-1996	PCT	C07K	14/54		
AG	WO96/19574	27-Jun-1996	PCT	C12N	15/12		
AH	WO98/15283	16-Apr-1998	PCT	A61K	38/17		
AI	WO99/59608	25-Nov-1999	PCT	A61K	38/00		

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(Including Author, Title, Date, Pertinent Pages Etc.)

AJ	Austin et al., "Site-directed mutagenesis of alanine-382 of human antithrombin III", FEBS Letters 280 (2): 254-258 (1991).
AK	Davis et al., "LIFR β and gp130 as Heterodimerizing Signal Transducers of the Tripartite CNTF Receptor", Science 260: 1805-1808 (1993).
AL	Ershier et al., "Immunologic Aspects of Osteoporosis", Devel. Compar. Immunol. 21 (6): 487-499 (1997).
AM	Girasole et al., "Interleukin-11: A New Cytokine Critical for Osteoclast Development", J. Clin. Invest. 93: 1516-1524 (1994).
AN	Ishimi et al., "IL-6 is Produced by Osteoblasts and Induces Bone Resorption", J. Immunol. 145 (10): 3297-3303 (1990).
AO	Karow et al., "Mediation of interleukin-11-dependent biological responses by a soluble form of the interleukin-11 receptor", Biochem J. 318: 489-495 (1996).
AP	Kim et al., "Involvement of Different Second Messengers in Parathyroid Hormone- and Interleukin-1- Induced Interleukin-6 and Interleukin-11 Production in Human Marrow Stromal cells", J. Bone Miner. Res. 12 (6): 896-902 (1997).
AQ	Leahy et al., "A Method for Attachment of Peptides to a Solid Surface with Enhanced Immunoreactivity", Biotechniques 13 (5): 738-743 (1992).
AR	Michalon et al., "Enzyme Coupling Method on Calibrated Nylon Spheres: Application to the Selective Trypsinization of Histones in Chromatin", Biochem. Biophys. Res. Comm. 167 (1): 9-15 (1990).
AS	Muir et al., "A Histomorphometric Comparison of the Effects of Heparin and Low-Molecular-Weight Heparin on Cancerous Bones in Rats", Blood 89 (9): 3236-3242 (1997).

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AT	Muir et al., "Histomorphometric Analysis of the Effects of Standard Heparin on Trabecular Bone in Vivo", Blood 88 (4): 1314-1320 (1996).	
AU	Musashi et al., "Direct and synergistic effects of interleukin 11 on murine hemopoiesis in culture", PNAS U 88: 765-769 (1991).	
AV	Nandorkar et al., "Adult Mice With Targeted Mutation of the Interleukin-11 Receptor (IL11Ra) Display Normal Hematopoiesis", Blood 90 (6): 2148-2159 (1997).	
AW	Poli et al., "Interleukin-6 deficient mice are protected from bone loss caused by estrogen depletion", EMBO J. 13 (5): 1189-1196 (1994).	
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AY	Tamaru et al., "Soluble interleukin-6 receptor triggers osteoclast formation by interleukin 6", PNAS 90: 11924-11928 (1993).	
AZ	Teramura et al., "Interleukin-11 Enhances Human Megakaryocytopoiesis In Vivo", Blood 79 (2): 327-331 (1992).	
BA	Van Leuven et al., "Molecular Cloning and Characterization of the Human Interleukin-11 Receptor α -Chain Gene, IL11RA, Located on Chromosome 9p13", Genomics 31 (1): 65-70 (1996).	
BB	Vlasselaer et al., "Leukemia Inhibitory Factor (LIF): A Growth Factor with Pleiotropic Effects on Bone Biology", Progress in Growth Factor Research 4: 337-353 (1992).	
BC	Whitehorn et al., "A Generic Method for Expression and Use of 'Tagged' Soluble Versions of Cell Surface Receptors", Biotechnology 13 (11): 1215-1219 (1995).	
BD	Yin et al., "Involvement of IL-6 Signal Transducer gp130 in IL-11-Mediated Signal Transduction", J. Immunol. 151 (5): 2555-2561 (1993).	
EXAMINER	/Elizabeth C. Kemmerer/	DATE CONSIDERED 02/16/2007

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Notice of References Cited

Application/Control No.

09/715,838

Applicant(s)/Patent Under
Reexamination
SHAUGHNESSY ET AL.

Examiner

Elizabeth C. Kemmerer, Ph.D.

Art Unit

1646

Page 1 of 1

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages			
	U	Ngo et al., 1994, The Protein Folding Problem and tertiary Structure Prediction, Merz et al., eds., Birkhauser, Boston, pp. 491-495.			
	V	Wells, 1990, Biochemistry 29:8509-8517.			
	W				
	X				

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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Notice of References Cited

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/Elizabeth C. Kemmerer/

02/16/2007